

ABSTRACT OF THE DISCLOSURE

An overcurrent protection circuit for a power switching transistor wherein the power switching transistor has a control electrode and two main electrodes, the circuit comprising a circuit including a protection switch for sensing the rate of change of voltage with respect to time at one of the main electrodes of the power switching transistor and for controlling the protection switch to remove a control signal to the control electrode of the power switching transistor to turn off the power switching transistor if the rate of change exceeds a predefined value.